

40XV648U

1080p Full HD LCD TV

with ClearFrame™ 120Hz

CINEMA SERIES®

REGZA

TOSHIBA

Leading Innovation >>>



40XV648U 40.0" diagonal 1080p HD LCD TV with ClearFrame™ 120Hz

ADVANTAGE

- 1080p Full HD CineSpeed® Display
- ClearFrame™ 120Hz with 5:5 Pull-Down Option
- 50,000:1 Dynamic Contrast Ratio
- NEW CrystalCoat™ Contrast Enhancer
- Resolution+™[1] Super Resolution Technology
- PixelPure® 5G 14-Bit Internal Digital Video Processor
- AutoView™ Automatic Picture Adjustment
- ColorMaster™ Wide Color Enhancer
- NEW Dolby® Volume Automatically Adjusts Uneven Volume Levels
- DynaLight™ Dynamic Backlight Control for Deep Black Levels
- Gaming Mode for Fast Game Controller Response
- 3 HDMI™ Digital Inputs with REGZA-LINK®[2]
- High-Res PC Input (S-XGA, 15 Pin, D-sub)
- ATSC/QAM Digital Tuner for Over-the-Air and Cable-in-the-Clear Digital Tuning
- NEW Bottom Deep Lagoon™ Design with Invisible Speakers

PRELIMINARY

LEADING THE WAY IN HOME ENTERTAINMENT INNOVATION



40XV648U

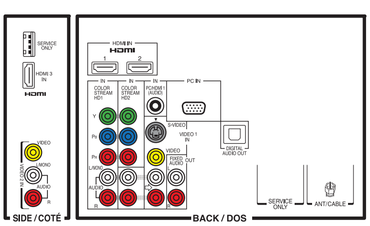
The REGZA® XV648 Cinema Series® introduces CrystalCoat™ for 30%+ more contrast in bright rooms[3], and Dolby® Volume to maintain a consistent volume level when changing channels or between commercials. The result is improved picture and stabilized sound for an enhanced home theater experience.

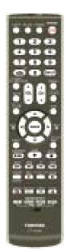
New CrystalCoat™ – You may watch TV at night in a dark room, but sometimes you may keep the lights on and have a bright room, or watch the game on Sunday afternoon with even brighter sunlight coming through the windows. Extra room light can lower the contrast on some TVs, but with CrystalCoat™, you don't have to worry. CrystalCoat™ stops ambient room light reflections from washing out the picture, creating 30%+ better contrast in bright rooms[3]. Now you can enjoy the deep high contrast REGZA® picture in all room light conditions.

New Dolby® Volume – If you have ever been bothered by loud TV commercials or inconsistent volume when changing channels, Dolby® Volume technology is the solution. Advanced algorithms monitor the audio during programs, when commercials start, and when changing channels. Louder programming is brought down, while lower programming is brought up. This ensures a consistent volume level with full dynamic range at all times.

ClearFrame™ 120Hz – Doubles the video frames from 60 per second to 120 per second to reduce any motion blur that could be caused by fast action video. By using advanced motion vector frame interpolation, it improves picture clarity without affecting picture brightness or adding flicker. For those that prefer a more film-like picture, there is also a 5:5 Pull-Down option available.

Resolution+™[1] – Some video content is in high definition (HD), but some is still in standard definition (SD). However, REGZA® virtually levels the content playing field with Resolution+™. Resolution+™ is super resolution technology that upconverts and enhances 480i, 480p, and even 720p content to create a sharper, more detailed picture. With REGZA® and Resolution+™ all of your standard DVDs, SD TV channels, camcorder videos, and even SD video games will feel like HD.





SERIES:	REGZA®
Cabinet	Bottom Deep Lagoon™ Design
Screen Size (measured diagonally)	40.0"

LCD PANEL:	
Resolution	1080p
Dynamic Backlight Control	DynaLight™
Response Time	CineSpeed®
CrystalCoat™ Contrast Enhancer	•

VIDEO:	
Digital Video Processor	PixelPure® 5G 14 Bit
Resolution+™[1]	•
AutoView™	•
Video Scan Rate	ClearFrame™ 120Hz
Cinema Mode 24fps[4]	5:5 Pull-Down
TheaterWide® Modes	•
Color Temperature Control	•
ColorMaster™ Wide Color Enhancer	•
Native Mode™	•
Deep Color	•

AUDIO:	
Speaker System	Invisible
Volume Limiter	Dolby® Volume
Mute/Half Mute	•

CONVENIENCE:	
Built-in TV Tuning	NTSC/ATSC/QAM
Auto Aspect Control	•
Sleep Timer	•
REGZA-LINK® (HDMI™-CEC)[2]	•
Gaming Mode	•
Channel Browser™	•
Channel Labeling	•
Input Labeling	•
Expert Mode	•
Logo Light On/Off	•
ENERGY STAR® 3.0 Compliant	•

JACK PACK:	
HDMI™ v1.3 Digital Inputs with InstaPort™	3 (1 Side)
ColorStream® Component Video Inputs	2
Side A/V / Rear A/V / Rear S-Video	1 / 1 /1
High Res PC Input (S-XGA, 15 Pin, D-sub)	1
Analog Audio Out	Fixed
Dolby® Digital Optical Out	•

REMOTE CONTROL:	
Type	4 Item Universal[5]

PRODUCT & PACKAGING:	
VESA® Mounting Pattern[6]	200 x 400
Unit Dimensions (WHD) in. (with stand)	38.43 x 26.10 x 10.35
Unit Dimensions (WHD) in. (without stand)	38.43 x 24.53 x 3.62
Carton Dimensions (WHD) in.	41.61 x 28.35 x 9.84
Unit Weight (with stand)	41.9 lbs.
Carton Weight	51.8 lbs.
UPC Code	022265002865

[1]Effect of Resolution+™ enhancements may vary depending upon the input signal and content quality.
[2]Use of REGZA-LINK® which is a feature based on HDMI™-CEC requires an HDMI™-CEC compatible peripheral device. Depending on the specifications of your device, some or all REGZA-LINK® functions may not work even if your device is HDMI™-CEC compatible.
[3]"Bright rooms" are defined as rooms with light intensity measuring 200 or more lux.
[4]Viewing 24 frames per second requires content created in 480p / 24 frames/second.
[5]In some cases, the universal remote may not operate additional devices or certain features of such devices, in which case, it is suggested that you use the original remote control for the applicable device.
[6]If you decide to wall mount your Toshiba television, always use a UL Listed wall bracket appropriate for the size and weight of the television.

http://www.tacp.toshiba.com Customer Solutions: 800.631.3811